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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 19-05-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Name of Work: Pot Holes in Ward No.11 (Kuvempunagara, Vidyaranyapura Sub-Division}
Ref.: Letter No. Testing/BUB/2015-16, dated 15-05-2015
Sample supplied to lab by: Sri.V.Mohandas Kumar, Contractor,
Bangalore.
Report required for : Assistant Executive Engineer,
Vidyaranyapura Sub-Division,
BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.30**	95-100
26.50	---	-
22.40	**76.10**	60-80
11.20	**48.00**	40-60
4.75	**39.20**	25-40
2.36	**26.00**	15-30
0.600	**19.50**	8-22
0.075	**4.60**	0-8

*As Furnished by Client
The Results relate only to the items tested

G.R. HARISH
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19/05/2015

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 22-06-2015

1.Bituminous Concrete (40mm thick).

Sub: Testing of Bitumen Premix Sample.
{Name of Work: Pot Holes in Ward No.11 (Kuvempunagara, Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2015-16, dated 20-06-2015

Sample supplied to lab by: Sri.V.Mohandas Kumar, Contractor,
Bangalore.

Report required for : Assistant Executive Engineer,
Vidyaranyapura Sub-Division,
BBMP, Bangalore.

A. Type of Construction: **Bituminous Concrete (40mm thick).**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.54 %**

2. Gradation Test

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-18 of MORTH Specfications-2001 BC (Grading – 2)
19.0	100	100
13.2	88.30	79-100
9.5	76.00	70-88
4.75	61.20	53-71
2.36	55.40	42-58
1.18	45.00	34-48
0.600	29.60	26-38
0.300	24.50	18-28
0.150	17.20	12-20
0.075	5.50	4-10

*As Furnished by Client
The Results relate only to the items tested

DEPARTMENT OF CIVIL ENGINEERING BANGALORE

Accepted
JE-II

22/06/2015

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~~BUB/CTE/2015-16/~~

Date: 27-07-2015

1.Bituminous Concrete (40mm thick).

Sub: Testing of Bitumen Premix Sample.
{Name of Work: Pot Holes in Ward No.11 (Kuvempunagara, Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2015-16, dated 24-07-2015

Sample supplied to lab by: Sri.V.Mohandas Kumar, Contractor,
Bangalore.

Report required for : Assistant Executive Engineer,
Vidyaranyapura Sub-Division,
BBMP, Bangalore.

A.Type of Construction: **Bituminous Concrete (40mm thick).**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.60 %**

2. Gradation Test

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-18 of MORTH Specfications-2001 BC (Grading – 2)
19.0	100	100
13.2	86.70	79-100
9.5	74.00	70-88
4.75	63.00	53-71
2.36	52.10	42-58
1.18	43.00	34-48
0.600	31.20	26-38
0.300	26.30	18-28
0.150	18.20	12-20
0.075	6.00	4-10

*As Furnished by Client
The Results relate only to the items tested

DEPARTMENT OF CIVIL ENGINEERING BANGALORE

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27/7/2015

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